KENTUCKY

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) For FY 2005-2007

A M E N D M E N T #2004.121 through #2004.164

I. Proposed Action:

As a result of the 45-day public review and comment period in which there were no changes to be made, the Kentucky Transportation Cabinet (KYTC) hereby requests the Federal Highway Administration (FHWA) to amend the FY 2005-2007 Statewide Transportation Improvement Program (STIP) to include the following projects:

Location: I-64 in Shelby County from the Jefferson County line to Shelbyville, Kentucky; I-65 from the Tennessee state line to Bowling Green, Kentucky; and I-75 from northern Scott County to the current six-lane section south of KY 22 in Grant County. See attached sheets for project location, ID Number, Route Number, Type of Work, Project Description, Phase, Type of Fund, Total Cost, Federal Portion, Scheduled Fiscal Year, and Subject to STIP Fiscal Constraint.

Also, a section of I-64 in Jefferson County between I-265 and the Shelby County line is scheduled to use GARVEE Bond Program funding. However, this section of I-64 requires KIPDA MPO TIP review and amendment process, and the section will not be incorporated into the FY 2005-2007 STIP until approval of required KIPDA MPO TIP Amendment.

Scope of Activity: Amendment to the FY 2005-2007 STIP to add the identified Design, Right-of-Way, Utility, and Construction phases for widening I-64, I-65, and I-75, enabling the construction projects identified within the GARVEE Bond Program Memorandum of Agreement (MOA) between the FHWA and KYTC dated April 15, 2005. The Design, Right-of-Way, and Utility funding for the projects will be funded with normal IM and NH apportionments and formula funding obligation authority. The GARVEE Bond Program funding will only be used for the construction phases for the widening of I-64, I-65, and I-75 within the identified sections. The construction costs of the projects will be prorated over a 14-year period as per the GARVEE Bond Program MOA, and in accordance with the attached sheet outlining the projected GARVEE Bond Program 14-year "Debt Service Schedule." Also, attached is an overview of the GARVEE Bond Program outlining the 2005 Legislative Session of the Kentucky General Assembly, House Bill 267 (Appropriation Bill), the interstate widening sections, and how federal funding will be used to cover the required "Debt Service" yearly payments.

II. Additional Remarks:

The federal funding for the construction phases identified within the GARVEE Bond Program will be programmed through FHWA as Advance Construct (AC) projects. The AC process is defined as "Advance Construction of Federal-Aid Projects" whereby the state may request and receive approval to construct Federal-aid projects in advance of the apportionment of authorized Federal-aid funds. The AC conversion of the federal funding for the GARVEE Bond Program will be distributed over a period of 14 years, and will be in accordance with the GARVEE Bond Program MOA. At the beginning of each Federal Fiscal Year, federal programming documents for GARVEE Bond projects AC conversions will be submitted to FHWA to use current IM and NH apportionments and current Formula Funding obligation authority. The total amount of the AC conversions will be the amount of federal funding required to cover the yearly debt service (principal, interest, and other costs incidental to the sale of eligible bond issue) as outlined in the attached projected yearly debt service payments by Fiscal Year for the GARVEE Bond Program. The required IM (40%) and NH (60%) funding to cover the yearly debt service amount for the GARVEE bonds will be included in the end of year "Fiscal Constraint" determination, and will be included within the preparation of future STIPs' and Fiscal Constraint calculations. The debt service funding will be matched with toll credits.

Also, included within the GARVEE Bond Program and in accordance with the FY 2005-2007 STIP Amendment # 2004.118 and # 2004.119 is the section of I-75 in Grant County, Item Number 6-72.06 and 6-72.07 (IM and NH split funding); I-75 from 0.8 mile south of KY 36 (Milepoint 153.3) to 0.80 mile south of KY 22 (Milepoint 157.7), including mainline paving of I-75 through Barnes Pike Interchange (Milepoint 155.8).

III. Amendment Approval:

Amendment Recommended for Approval:

Kentucky/Transportation Cabinet Date

Approval of STIP Amendment:

Federal Highway Administration

Date

FY 2005 - 2007 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) 2004 STIP AMENDMENT NUMBERS 2004.121 THROUGH 2004.142 FHWA - KYTC GARVEE BOND PROGRAM PROJECT PHASES*

STIP AMENDMEN ^T NUMBER	T COUNTY	ID NUMBER	ROUTENO	PREFIX ROUTENO	TYPE WORK	DESCRIPTION	PHASE	TYPE E OF FUND	TOTAL PHASE COST	FEDERAL PORTION	FISCAL YEAR SCHEDULE	SUBJECT TO STIP FISCAL CONSTRAINT
2004.121	SHELBY	5-65.2	I-64	l 64	MAJOR WIDENING(O)	WIDEN I-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE. (IM SHARE)	C	GARVEE (IM)	32,880,000	32,880,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.122	SHELBY	5-65.21	I-64	I 64	MAJOR WIDENING(O)	WIDEN 1-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE. (NH SHARE)	C	GARVEE (NH)	49,320,000	49,320,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.123	OR I-64 GARVE WARREN	3-9.01	I-65	I 65	MAJOR WIDENING(O)	TENN. STATE LINE- ELIZABETHTOWN; WIDEN I-65 TO 6- LANES FROM SIMS RD TO 1.53MI SOUTH OF THE BARREN RIVER BRIDGES INCLUDING INTERCHANGE AT WILLIAM H. NATCHER PARKWAY. (IM SHARE)	С	GARVEE (IM)	82,200,000 12,800,000	82,200,000 12,800,000	2005	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.124	WARREN	3-9.03	I-65	I 65	PREFINANCD CONVRSN(O)	TENN. STATE LINE- ELIZABETHTOWN; WIDEN I-65 TO 6- LANES FROM SIMS RD TO SOUTH OF THE BARREN RIVER BRIDGES. (ADDITIONAL 'NH' FUNDING FOR C PHASE)	С	GARVEE (NH)	19,200,000	19,200,000	2005	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.125	SIMPSON	3-10.1	l-65	! 65	MAJOR WIDENING(0)	WIDEN 1-65 TO 6 LANES FROM 0.23 MI SOUTH OF THE TENNESSEE STATE LINE TO 1.32 MI NORTH OF THE US-31W INTERCHANGE. (NH SHARE)(04CCR)	C	GARVEE (NH)	18,000,000	18,000,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.126	SIMPSON	3-10.11	I-65	I 65	MAJOR WIDENING(O)	WIDEN 1-65 TO 6 LANES FROM 0.23 MI SOUTH OF THE TENNESSEE STATE LINE TO 1.32 MI NORTH OF THE US-31W INTERCHANGE. (INTERSTATE AGREEMENT NEEDED WITH TENNESSEE) (IM SHARE)(04CCR)	С	GARVEE (IM)	12,000,000	12,000,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.127	SIMPSON	3-10.2	I-65	I 65	MAJOR WIDENING(O)	WIDEN 1-65 TO 6 LANES FROM 1.32 MI NORTH OF THE US-31W INTERCHANGE TO 0.5 MI NORTH OF THE KY-100 INTERCHANGE. (NH SHARE)(04CCR)	С	GARVEE (NH)	21,000,000	21,000,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.128	SIMPSON	3-10.21	I-65	I 65	MAJOR WIDENING(O)	WIDEN 1-65 TO 6 LANES FROM 1.32 MI NORTH OF THE US-31W INTERCHANGE TO 0.5 MI NORTH OF THE KY-100 INTERCHANGE. (IM SHARE)(04CCR)	С	GARVEE (IM)	14,000,000	14,000,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.129	SIMPSON	3-10.3	I-65	I 65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.5 MI NORTH OF THE KY-100 INTERCHANGE TO 1.07 MI SOUTH OF SALEM ROAD. (2000BOP) (NH SHARE)	С	GARVEE (NH)	19,200,000	19,200,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD

FY 2005 - 2007 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) 2004 STIP AMENDMENT NUMBERS 2004.121 THROUGH 2004.142 FHWA - KYTC GARVEE BOND PROGRAM PROJECT PHASES*

STIP AMENDMENT NUMBER	COUNTY	ID NUMBER	ROUTENO	PREFIX ROUTENO	TYPE WORK	DESCRIPTION	PHASE	TYPE E OF FUND	TOTAL PHASE COST	FEDERAL PORTION	FISCAL YEAR SCHEDULE	SUBJECT TO STIP FISCAL CONSTRAINT
2004.130	SIMPSON	3-10.31	I-65	I 65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.5 MI NORTH OF THE KY-100 INTERCHANGE TO 1.07 MI SOUTH OF SALEM ROAD. (2000BOP) (IM SHARE)	С	GARVEE (IM)	12,800,000	12,800,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.131	SIMPSON	3-10.4	I-65	I 65	MAJOR WIDENING(O)	WIDEN 1-65 TO 6 LANES FROM 1.07 MI SOUTH OF SALEM ROAD TO 0.14 MI NORTH OF KY-240. (2000BOP)	С	GARVEE (NH)	15,600,000	15,600,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.132	SIMPSON	3-10.41	I-65	I 65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 1.07 MI SOUTH OF SALEM ROAD TO 0.14 MI NORTH OF KY-240. (2000BOP) (IM SHARE)	С	GARVEE (IM)	10,400,000	10,400,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.133	WARREN	3-10.5	I-65	I 65	MAJOR WIDENING(O)	WIDEN 1-65 TO 6 LANES FROM 0.14 MI NORTH OF KY-240 TO 0.14 MI NORTH OF SIMS ROAD. (NH SHARE)	С	GARVEE (NH)	16,800,000	16,800,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.134	WARREN	3-10.51	I-65	I 65	MAJOR WIDENING(0)	WIDEN I-65 TO 6 LANES FROM 0.14 MI NORTH OF KY-240 TO 0.14 MI NORTH OF SIMS ROAD. (IM SHARE)	C	GARVEE (IM)	11,200,000	11,200,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.135	OR I-65 GARVEI GRANT	6-72.14	1-75	! 75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM	C	GARVEE	183,000,000 4,800,000	183,000,000 4,800,000	2006	INITIAL FUNDING WILL BE
						HEEKIN PIKE UNDERPASS, N TO 0.8MI S OF KY-36 (CONSTRUCTION SECTION-2A) (IM SHARE)		(IM)				ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 IYEAR PERIOD
2004.136	GRANT	6-72.15	I-75	1 75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM HEEKIN PIKE UNDERPASS, N TO 0.8MI S OF KY-36 (CONSTRUCTION SECTION-2A) (NH SHARE)	С	GARVEE (NH)	7,200,000	7,200,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.137	GRANT	6-72.16	I-75	I 75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM THE KEEFER ROAD UNDERPASS, N TO THE HEEKIN PIKE UNDERPASS. (CONSTRUCTION SECTION-2B) (IM SHARE)	С	GARVEE (IM)	14,000,000	14,000,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.138	GRANT	6-72.17	I-75	I 75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM THE KEEFER ROAD UNDERPASS, N TO THE HEEKIN PIKE UNDERPASS. (CONSTRUCTION SECTION-2B) (NH SHARE)	С	GARVEE (NH)	21,000,000	21,000,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD

FY 2005 - 2007 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) 2004 STIP AMENDMENT NUMBERS 2004.121 THROUGH 2004.142 FHWA - KYTC GARVEE BOND PROGRAM PROJECT PHASES*

STIP AMENDMENT NUMBER	COUNTY	ID NUMBER	ROUTENO P	REFIX ROUTENO	TYPE WORK	DESCRIPTION	PHASE	TYPE OF FUND	TOTAL PHASE COST	FEDERAL PORTION	FISCAL YEAR SCHEDULE	SUBJECT TO STIP FISCAL CONSTRAINT
2004.139	GRANT	6-72.18	I-75	I 75	MAJÓR WIDENING(O)	LEXINGTON-COVINGTON; FROM GRANT CO LINE TO THE KEEFER ROAD UNDERPASS. (CONSTRUCTION SECTION-2C) (IM SHARE)	Ċ	GARVEE (IM)	11,200,000	11,200,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.140	GRANT	6-72.19	I-75	l 75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM GRANT CO LINE TO THE KEEFER ROAD UNDERPASS. (CONSTRUCTION SECTION-2C) (NH SHARE)	С	GARVEE (NH)	16,800,000	16,800,000	2007	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.141	SCOTT	6-72.2	I-75	l 75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM SOUTH OF POKEBERRY RD TO GRANT CO LINE (SECTION-3) (IM SHARE)	С	GARVEE (IM)	13,600,000	13,600,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
2004.142	SCOTT	6-72.21	I-75	I 75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM SOUTH OF POKEBERRY RD TO GRANT CO LINE (SECTION-3) (NH SHARE)	Ċ	GARVEE (NH)	20,400,000	20,400,000	2006	INITIAL FUNDING WILL BE ADVANCE CONSTRUCTION (AC), WITH AC CONVERSION FOR GARVEE BOND PROGRAM DEBT SERVICE DISTRIBUTED OVER 14 YEAR PERIOD
TOTALS FO	R I-75 GARVE	E SECTIONS							109,000,000	109,000,000		

FY 2005 - 2007 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) 2004 STIP AMENDMENT NUMBERS 2004.143 THROUGH 2004.164 DESIGN, RIGHT-OF-WAY, AND UTILITY PHASES IN SUPPORT OF THE GARVEE BOND PROGRAM CONSTRUCTION PHASES*

STIP AMENDMENT NUMBER	r county	ID NUMBER	ROUTENO	TYPE WORK	DESCRIPTION	PHASE	TYPE OF FUND	TOTAL PHASE COST	FEDERAL PORTION	FISCAL YEAR SCHEDULE	SUBJECT TO STIP FISCAL CONSTRAINT
2004.143	GRANT	6-72	I-75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM KY- 491 (MP 165.87) TO SOUTH OF KY-36 (MP 153.30). (SECTION-1) (IM SHARE) (DESIGN FUNDS)	D	IM	480,000	480,000	2005	*
2004.144	GRANT	6-72.01	I-75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM KY- 491 (MP 165.87) TO SOUTH OF KY-36 (MP 153.30). (SECTION-1) (NH SHARE) (DESIGN FUNDS)	D	NH	720,000	720,000	2005	*
2004.145	GRANT	6-72	I-75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM KY- 491 (MP 165.87) TO SOUTH OF KY-36 (MP 153.30). (SECTION-1) (IM SHARE) (DESIGN FUNDS)	U	IM	400,000	400,000	2005	*
2004.146	GRANT	6-72.01	I-75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM KY- 491 (MP 165.87) TO SOUTH OF KY-36 (MP 153.30). (SECTION-1) (NH SHARE) (DESIGN FUNDS)	U	NH	600,000	600,000	2005	*
2004.147	SHELBY	5-65	I-64	MAJOR WIDENING(O)	WIDEN I-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE. (IM SHARE)	D	IM	2,160,000	2,160,000	2005	*
2004.148	SHELBY	5-65.01	I-64	MAJOR WIDENING(O)	WIDEN I-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE. (NH SHARE)	D	NH	3,240,000	3,240,000	2005	*
2004.149	SHELBY	5-65.2	I-64	MAJOR WIDENING(O)	WIDEN I-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE. (IM SHARE)	R	IM	1,080,000	1,080,000	2006	*
2004.150	SHELBY	5-65.2	I-64	MAJOR WIDENING(O)	WIDEN I-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE, (IM SHARE)	U	IM	1,200,000	1,200,000	2006	*
2004.151	SHELBY	5-65.21	I-64	MAJOR WIDENING(O)	WIDEN I-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE. (NH SHARE)	R	NH	1,620,000	1,620,000	2006	*
2004.152	SHELBY	5-65.21	I-64	MAJOR WIDENING(O)	WIDEN I-64 TO 6-LANES FROM JEFFERSON COUNTY LINE TO THE KY-53 INTERCHANGE @ SHELBYVILLE. (NH SHARE)	U	NH	1,800,000	1,800,000	2006	*
2004.153	SCOTT	6-72.2	I-75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM SOUTH OF POKEBERRY RD TO GRANT CO LINE (SECTION-3) (IM SHARE)	U	IM	320,000	320,000	2007	*
2004.154	SCOTT	6-72.21	I-75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM SOUTH OF POKEBERRY RD TO GRANT CO LINE (SECTION-3) (NH SHARE)	U	NH	480,000	480,000	2005	*

FY 2005 - 2007 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) 2004 STIP AMENDMENT NUMBERS 2004.143 THROUGH 2004.164 DESIGN, RIGHT-OF-WAY, AND UTILITY PHASES IN SUPPORT OF THE GARVEE BOND PROGRAM CONSTRUCTION PHASES*

STIP AMENDMEN' NUMBER	T COUNTY	ID NUMBER	ROUTENO	TYPE WORK	DESCRIPTION	PHASE	TYPE OF FUND	TOTAL PHASE COST	FEDERAL PORTION	FISCAL YEAR SCHEDULE	SUBJECT TO STIP FISCAL CONSTRAINT
2004.155	SIMPSON	3-10	I-65	MAJOR WIDENING(O)	IDEN 1-65 TO 6 LANES FROM THE TENNESSEE STATE LINE TO SIMS RD AT BOWLING GREEN. (MP 0.0 TO MP 19.14) (INTERSTATE AGREEMENT NEEDED WITH TENNESSEE) (IM SHARE)	D	IM	600,000	600,000	2005	*
2004.156	SIMPSON	3-10	I-65	MAJOR WIDENING(O)	IDEN I-65 TO 6 LANES FROM THE TENNESSEE STATE LINE TO SIMS RD AT BOWLING GREEN. (MP 0.0 TO MP 19.14) (INTERSTATE AGREEMENT NEEDED WITH TENNESSEE) (NH SHARE)	D	NH	900,000	900,000	2005	*
2004.157	SIMPSON	3-10.1	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.23 MI SOUTH OF THE TENNESSEE STATE LINE TO 1.32 MI NORTH OF THE US- 31W INTERCHANGE. (NH SHARE)(04CCR)	R	NH	625,000	625,000	2005	*
2004.158	SIMPSON	3-10.1	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.23 MI SOUTH OF THE TENNESSEE STATE LINE TO 1.32 MI NORTH OF THE US- 31W INTERCHANGE. (NH SHARE)(04CCR)	Ü	NH	1,620,000	1,620,000	2005	*
2004.159	SIMPSON	3-10.2	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 1.32 MI NORTH OF THE US-31W INTERCHANGE TO 0.5 MI NORTH OF THE KY-100 INTERCHANGE. (NH SHARE)(04CCR)	R	NH	250,000	250,000	2005	*
2004.160	SIMPSON	3-10.2	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 1.32 MI NORTH OF THE US-31W INTERCHANGE TO 0.5 MI NORTH OF THE KY-100 INTERCHANGE. (NH SHARE)(04CCR)	U	NH	600,000	600,000	2005	*
2004.161	SIMPSON	3-10.3	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.5 MI NORTH OF THE KY-100 INTERCHANGE TO 1.07 MI SOUTH OF SALEM ROAD. (2000BOP)	U	NH	140,000	140,000	2005	*
2004.162	SIMPSON	3-10.4	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 1.07 MI SOUTH OF SALEM ROAD TO 0.14 MI NORTH OF KY-240. (2000BOP)	R	NH	100,000	100,000	2005	*
2004.163	SIMPSON	3-10.4	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 1.07 MI SOUTH OF SALEM ROAD TO 0.14 MI NORTH OF KY-240. (2000BOP)	U	NH	310,000	310,000	2005	*
2004.164	WARREN	3-10.5	I-65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.14 MI NORTH OF KY-240 TO 0.14 MI NORTH OF SIMS ROAD.	Ü	NH	190,000	190,000	2005	*

\$440 MILLION KENTUCKY GARVEE BOND PROGRAM DEBT SERVICE SCHEDULE

COUNTY	KYTC ITEM NUMBER	ROUTE	GARVEE BONDS APPORTIONMENT FUNDING PREFIX	ESTIMATED PROJECT COST	PERCENT OF GARVEE BOND PROGRAM	PRORATED GARVEE BOND INTEREST	ESTIMATED COST	PRORATED SHARE OF GARVEE BOND PROGRAM		FY 2005
									GARVEE IM GARVEE NH TOTAL	ANNUAL DEBT SERVICE \$1,914,334.00 \$2,871,501.00 \$4,785.835.00
SHELBY	5-65.20	I-64	IM	32,880,000	7.47%	9,561,108	42.441.108	7.47%		357,632
SHELBY	5-65.21	I-64	NH	49,320,000	11.21%	14,341,662	63,661,662	11.21%		536,449
WARREN	3-9.01	I-65	IM	12,800,000	2.91%	3,722,086	16,522,086	2.91%		139,224
WARREN	3-9.03	I-65	NH	19,200,000	4.36%	5,583,129	24,783,129	4.36%		208,836
SIMPSON	3-10.10	I-65	NH	18,000,000	4.09%	5,234,183	23,234,183	4.09%		195,784
SIMPSON	3-10.11	I-65	IM	12,000,000	2.73%	3,489,455	15,489,455	2.73%		130,523
SIMPSON	3-10.20	I-65	NH	21,000,000	4.77%	6,106,547	27,106,547	4.77%		228,415
SIMPSON	3-10.21	I-65	IM	14,000,000	3.18%	4,071,031	18,071,031	3.18%		152,277
SIMPSON	3-10.30	1-65	NH	19,200,000	4.36%	5,583,129	24,783,129	4.36%		208,836
SIMPSON	3-10.31	I-65	NH	12,800,000	2.91%	3,722,086	16,522,086	2.91%		139,224
SIMPSON	3-10.40	I-65	NH	15,600,000	3.55%	4,536,292	20,136,292	3.55%		169,680
SIMPSON	3-10.41	I-65	NH	10,400,000	2.36%	3,024,195	13,424,195	2.36%		113,120
WARREN	3-10.50	I-65	NH	16,800,000	3.82%	4,885,238	21,685,238	3.82%	-	182,732
WARREN	3-10.51	I-65	NH	11,200,000	2.55%	3,256,825	14,456,825	2.55%		121,821
GRANT	6-72.14	I-75	IM	4,800,000	1.09%	1,395,782	6,195,782	1.09%		52,209
GRANT	6-72.15	I-75	NH	7,200,000	1.64%	2,093,673	9,293,673	1.64%		78,314
GRANT	6-72.16	I-75	IM	14,000,000	3.18%	4,071,031	18,071,031	3.18%		152,277
GRANT	6-72.17	I-75	NH	21,000,000	4.77%	6,106,547	27,106,547	4.77%		228,415
GRANT	6-72.18	I-75	IM	11,200,000	2.55%	3,256,825	14,456,825	2.55%		121,821
GRANT	6-72.19	I- 75	NH	16,800,000	3.82%	4,885,238	21,685,238	3.82%		182,732
SCOTT	6-72.20	I-75	IM	13,600,000	3.09%	3,954,716	17,554,716	3.09%		147,926
SCOTT	6-72.21	I-75	NH	20,400,000	4.64%	5,932,074	26,332,074	4.64%		221,889

\$440 MILLION KENTUCKY GARVEE BOND PROGRAM DEBT SERVICE SCHEDULE

COUNTY	KYTC ITEM NUMBER	ROUTE	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
			ANNUAL DEBT SERVICE	ANNUAL DEBT	ANNUAL DEBT	ANNUAL DEBT						
			\$6,154,520.00	\$18,772,043.80	\$18,772,681.40	\$18,771,980.00	\$18,770,780.20	\$18,772,886.00	\$18,772,210.00	SERVICE \$18,771,709.60	SERVICE \$18,771,062.60	SERVICE \$18,771,687.00
			\$9,231,780.00	\$28,158,065.70	\$28,159,022.10	\$28,157,970.00	\$28,156,170.30	\$28,159,329.00	\$28,158,315.00	\$28,157,564.40	\$28,156,593.90	\$28,157,530.50
		.,	\$15,386,300.00	\$46,930,109.50	\$46,931,703.50	\$46,929,950.00	\$46,926,950.50	\$46,932,215.00	\$46,930,525.00	\$46,929,274.00	\$46,927,656.50	\$46,929,217.50
SHELBY	5-65.20	I-64	1,149,776	3,506,959	3,507,078	3,506,947	3,506,723	3,507,116	3,506,990	3,506,897	3,506,776	3,506,892
SHELBY	5-65.21	I-64	1,724,664	5,260,439	5,260,617	5,260,421	5,260,085	5,260,675	5,260,485	5,260,345	5,260,164	5,260,339
WARREN	3-9.01	I-65	447,601	1,365,240	1,365,286	1,365,235	1,365,148	1,365,301	1,365,252	1,365,215	1,365,168	1,365,214
WARREN	3-9.03	I-65	671,402	2,047,859	2,047,929	2,047,852	2,047,721	2,047,951	2,047,877	2,047,823	2,047,752	2,047,820
SIMPSON	3-10.10	I-65	629,440	1,919,868	1,919,933	1,919,862	1,919,739	1,919,954	1,919,885	1,919,834	1,919,768	1,919,832
SIMPSON	3-10.11	I-65	419,626	1,279,912	1,279,956	1,279,908	1,279,826	1,279,970	1,279,923	1,279,889	1,279,845	1,279,888
SIMPSON	3-10.20	I-65	734,346	2,239,846	2,239,922	2,239,839	2,239,695	2,239,947	2,239,866	2,239,806	2,239,729	2,239,804
SIMPSON	3-10.21	I-65	489,564	1,493,231	1,493,281	1,493,226	1,493,130	1,493,298	1,493,244	1,493,204	1,493,153	1,493,202
SIMPSON	3-10.30	I-65	671,402	2,047,859	2,047,929	2,047,852	2,047,721	2,047,951	2,047,877	2,047,823	2,047,752	2,047,820
SIMPSON	3-10.31	I-65	447,601	1,365,240	1,365,286	1,365,235	1,365,148	1,365,301	1,365,252	1,365,215	1,365,168	1,365,214
SIMPSON	3-10.40	I-65	545,514	1,663,886	1,663,942	1,663,880	1,663,774	1,663,960	1,663,900	1,663,856	1,663,799	1,663,854
SIMPSON	3-10.41	I-65	363,676	1,109,257	1,109,295	1,109,253	1,109,182	1,109,307	1,109,267	1,109,237	1,109,199	1,109,236
WARREN	3-10.50	I-65	587,477	1,791,877	1,791,938	1,791,871	1,791,756	1,791,957	1,791,893	1,791,845	1,791,783	1,791,843
WARREN	3-10.51	I-65	391,651	1,194,585	1,194,625	1,194,581	1,194,504	1,194,638	1,194,595	1,194,563	1,194,522	1,194,562
GRANT	6-72.14	I-75	167,851	511,965	511,982	511,963	511,930	511,988	<u>511,</u> 969	511,956	511,938	511,955
GRANT	6-72.15	I-75	251,776	767,947	767,973	767,945	767,896	767,982	767,954	767,934	767,907	767,933
GRANT	6-72.16	1-75	489,564	1,493,231	1,493,281	1,493,226	1,493,130	1,493,298	1,493,244	1,493,204	1,493,153	1,493,202
GRANT	6-72.17	I-75	734,346	2,239,846	2,239,922	2,239,839	2,239,695	2,239,947	2,239,866	2,239,806	2,239,729	2,239,804
GRANT	6-72.18	I-75	391,651	1,194,585	1,194,625	1,194,581	1,194,504	1,194,638	1,194,595	1,194,563	1,194,522	1,194,562
GRANT	6-72.19	I-75	587,477	1,791,877	1,791,938	1,791,871	1,791,756	1,791,957	1,791,893	1,791,845	1,791,783	1,791,843
SCOTT	6-72.20	I-75	475,577	1,450,567	1,450,616	1,450,562	1,450,469	1,450,632	1,450,580	1,450,541	1,450,491	1,450,539
SCOTT	6-72.21	I-75	713,365	2,175,851	2,175,924	2,175,843	2,175,704	2,175,948	2,175,870	2,175,812	2,175,737	2,175,809

\$440 MILLION KENTUCKY GARVEE BOND PROGRAM DEBT SERVICE SCHEDULE

COUNTY	KYTC ITEM NUMBER	ROUTE	FY 2016	FY 2017	FY 2018	TOTALS
			ANNUAL DEBT	ANNUAL DEBT	ANNUAL DEBT	
			SERVICE \$18,772,820,40	SERVICE \$18,770,780,00	SERVICE \$12,619,185.00	\$227,178,680.00
			\$28,159,230.60	\$28,156,170.00	\$18,928,777.50	\$340,768,020.00
			\$46,932,051.00	\$46,926,950.00	\$31,547,962.50	\$567,946,700.00
SHELBY	5-65.20	I-64	3,507,104	3,506,723	2,357,493	42,441,108
SHELBY	5-65.21	I-64	5,260,656	5,260,084	3,536,240	63,661,662
WARREN	3-9.01	1-65	1,365,296	1,365,148	917,759	16,522,086
WARREN	3-9.03	I-65	2,047,944	2,047,721	1,376,638	24,783,129
SIMPSON	3-10.10	I-65	1,919,948	1,919,739	1,290,598	23,234,183
SIMPSON	3-10.11	I-65	1,279,965	1,279,826	860,399	15,489,455
SIMPSON	3-10.20	I-65	2,239,939	2,239,695	1,505,698	27,106,547
SIMPSON	3-10.21	I-65	1,493,293	1,493,130	1,003,799	18,071,031
SIMPSON	3-10.30	I-65	2,047,944	2,047,721	1,376,638	24,783,129
SIMPSON	3-10.31	I-65	1,365,296	1,365,148	917,759	16,522,086
SIMPSON	3-10.40	I-65	1,663,955	1,663,774	1,118,519	20,136,292
SIMPSON	3-10.41	I-65	1,109,303	1,109,182	745,679	13,424,195
WARREN	3-10.50	I-65	1,791,951	1,791,756	1,204,559	21,685,238
WARREN	3-10.51	I-65	1,194,634	1,194,504	803,039	14,456,825
GRANT	6-72.14	I-75	511,986	511,930	344,160	6,195,782
GRANT	6-72.15	I-75	767,979	767,896	516,239	9,293,673
GRANT	6-72.16	1-75	1,493,293	1,493,130	1,003,799	18,071,031
GRANT	6-72.17	I-75	2,239,939	2,239,695	1,505,698	27,106,547
GRANT	6-72.18	I-75	1,194,634	1,194,504	803,039	14,456,825
GRANT	6-72.19	I-75	1,791,951	1,791,756	1,204,559	21,685,238
SCOTT	6-72.20	I-7 <u>5</u>	1,450,627	1,450,469	975,119	17,554,716
SCOTT	6-72.21	I-75	2,175,941	2,175,704	1,462,678	26,332,074

"GARVEE Bond Program"

During the 2004 Legislative Session, House Bill 418 was passed, enabling the Kentucky Transportation Cabinet (KYTC) to pursue a specific group of interstate widening projects through an innovative financing technique known as "Grant Anticipation Revenue Vehicles (GARVEEs)." With the recent enactment of House Bill 267 (Appropriations Bill) during the 2005 Legislative Session, the General Assembly provided \$150 million in appropriation authority in Fiscal Year 2004-2005 for GARVEE bond funds. Additionally, \$18,234,000 in Federal fund appropriation authority was included to provide debt service on the GARVEE bonds in Fiscal Year 2005-2006. The GARVEE financing technique is permitted by Federal law and involves the commitment of future Federal-aid appropriations as leveraging for current year highway improvements. The primary benefit of such an arrangement is that major highway improvements can be purchased at today's prices and paid for with interest over a multiyear timeframe. The application of the GARVEE principle is very similar to home mortgage financing, but is used to purchase major highway investments when "pay-as-you-go" is not the desirable course.

With the passage of the enabling legislation in 2004 and the recent appropriation authority granted in the 2005 Session, KYTC seeks to begin the following major interstate widening projects during the upcoming biennium:

- Interstate 64: Widen to six lanes from the Snyder Freeway in Jefferson County to Shelbyville (total cost \$127 million)
- Interstate 65: Widen to six lanes from the Tennessee state line to Bowling Green (total cost \$178 million)
- <u>Interstate 75</u>: Widen to six lanes from the end of the current six-lane section in northern Scott County to the current six-lane section south of KY 22 in Grant County (total cost \$135 million)

Note: The Cabinet will pursue an additional \$290 million of GARVEE bonds in the 2007-2008 biennial budget in order to complete the interstate widening along the above identified sections of I-64, I-65, and I-75.

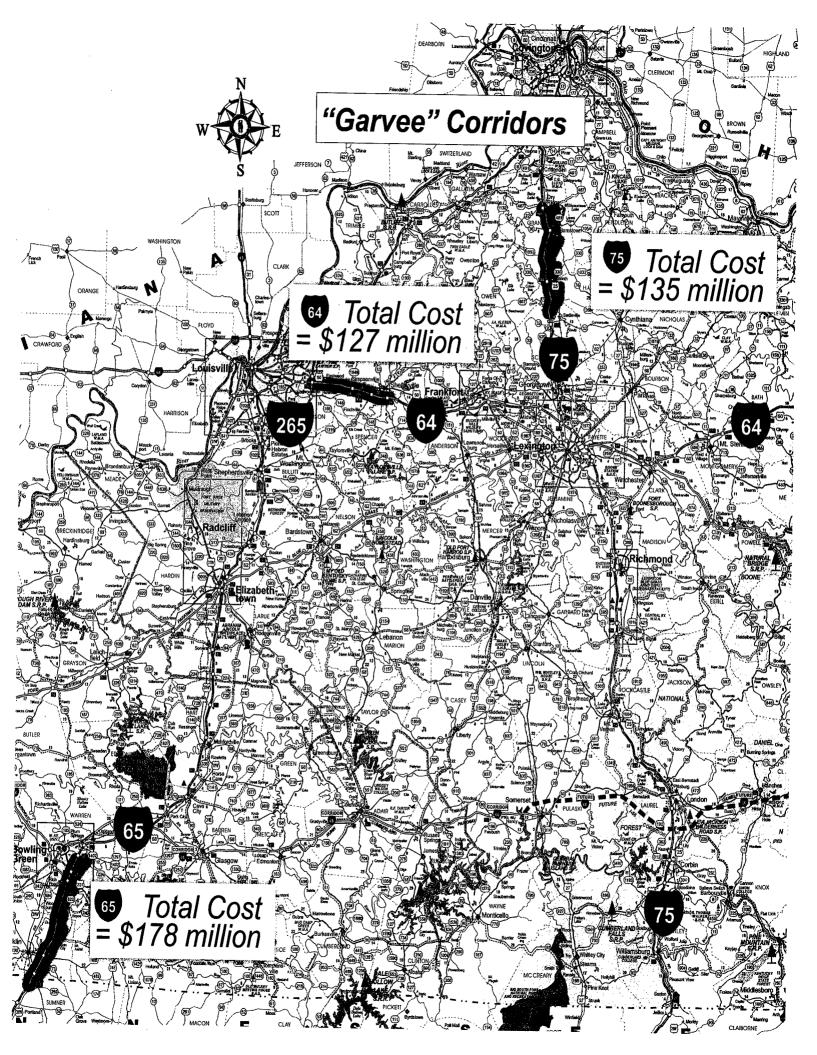
Each of these interstate widening projects constitutes a necessary investment in Kentucky's future. The need to accommodate safety issues along with the movement of people and movement of freight in each of these highway corridors is critical to Kentucky's economy in the years ahead. Each of these routes (see the attached map) currently carries a disproportionately high percentage of truck traffic, and forecasts call for the numbers of trucks in the traffic stream to continue to increase as NAFTA continues to yield higher and higher volumes of freight from Latin America to Canada.

The Federal funding for the construction phases identified within the GARVEE Bond Program will be programmed through the Federal Highway Administration (FHWA) as Advance Construct (AC) projects. The AC process is defined as "Advance

Construction of Federal-Aid Projects" whereby the state may request and receive approval to construct Federal-aid projects in advance of the apportionment of authorized Federal-aid funds. The AC conversion of the Federal funding for the GARVEE Bond Program will be distributed over a period of 14 years, and will be in accordance with the GARVEE Bond Program Memorandum of Agreement (MOA) between the FHWA and KYTC dated April 15, 2005.

At the beginning of each Federal Fiscal Year, Federal programming documents for GARVEE bond projects AC conversions will be submitted to FHWA to use current IM and NH apportionments and current formula funding obligation authority. The total amount of the AC conversions will be the amount of Federal funding required to cover the yearly debt service (principal, interest, and other costs incidental to the sale of eligible bond issue) as outlined in the attached projected yearly debt service payments by fiscal year for the GARVEE Bond Program. The required IM (40%) and NH (60%) funding to cover the yearly debt service amount for the GARVEE bonds will be included in the end of year "Fiscal Constraint" determination, and will be included within the preparation of future STIPs' and Fiscal Constraint calculations. The debt service funding will be matched with toll credits.

In conclusion, without the GARVEE Bond Program, the construction of widening I-64, I-65, and I-75 within the three designated areas would continue to be piece-mealed over time, and likely not completed until the year 2015 to 2020. The innovative idea of GARVEE bonds, along with determined state leadership, will yield the kind of realistic solution necessary to reverse the "always behind" mentality of the past and help restore hope to Kentucky's transportation program.



FY 2005 - 2007 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) SCHEDULED PROJECT PHASES SUBJECT TO FISCAL CONSTRAINT TO ACCOMMODATE GARVEE BOND PROGRAM PROJECTS STIP AMENDMENTS

COUNTY	ID NUMBER	ROUTENO	TYPEWORK	DESCRIPTION	PHASE	TYPE . OF FUND	TOTAL PHASE COST	FEDERAL PORTION	FISCAL YEAR SCHEDULE	SUBJECT TO STIP FISCAL CONSTRAINT
BOURBON	7-310.2	US 68	MAJOR WIDENING(O)	PARIS-MAYSVILLE ROAD; CONSTRUCT MILLERSBURG BYPASS (SECTION 2)	R	NH	2,361,300	2,361,300	2006	**
BOYD	9-60.01	1 64	PREFINANCD CONVRSN(O)	RECONSTRUCT I-64/KY-180 INTERCHANGE @ CANNONSBURG AND CORRECT SIGHT DISTANCE ON KY-180 0.5MI SOUTH OF I-64. (98CCR) (ADDITIONAL FUNDING FOR C PHASE)	С	IM	5,800,000	5,220,000	2007	**
CAMPBELL	6-8	I 471	BRIDGE PAINTING(P)	POWERWASH AND PAINT ALL STEEL BRIDGES AND STEEL BEARINGS ON I- 471 EXCEPT THE DANIEL CARTER BEARD BRIDGE	С	IM	3,000,000	2,700,000	2007	**
HENDERSON	2-108	US 41	BRIDGE PAINTING(P)	US-41 BRIDGES OVER THE OHIO RIVER @ HENDERSON (B7); JOINT PROJECT WITH INDIANA TO WASH AND PAINT NORTHBOUND STRUCTURE.	Ċ	NH	2,500,000	2,500,000	2005	**
JEFFERSON	5-28.03	l 264	PREFINANCD CONVRSN(O)	WATTERSON EXPWY; WESTPORT RD I-CHANGE CONSTRUCT NEW I- CHANGE AT WESTPORT RD. (ADDITIONAL FUNDING FOR C PHASE)	С	NH	17,500,000	17,500,000	2006	**
JEFFERSON	5-41	I 265	I-CHANGE RECONST(O)	SNYDER FREEWAY; RECONSTRUCT I- 265/US-60 INTERCHANGE TO ENHANCE CAPACITY AND SAFETY (designed with 5-21.00)	R	IM	10,000,000	9,000,000	2007	**
JEFFERSON	5-48.02	! 71	MAJOR WIDENING(O)	LOUISVILLE-LAGRANGE; I-71, FROM I- 64 TO I-265 (SNYDER FREEWAY) (ADD LANE EACH DIRECTION). (NH SHARE)	D	NH	2,000,000	2,000,000	2005	**
JEFFERSON	5-48.02	l 71	MAJOR WIDENING(O)	LOUISVILLE-LAGRANGE; I-71, FROM I- 64 TO I-265 (SNYDER FREEWAY) (ADD LANE EACH DIRECTION). (NH SHARE)	R	NH	6,000,000	4,800,000	2007	**
JEFFERSON	5-48.02	I 71	MAJOR WIDENING(O)	LOUISVILLE-LAGRANGE; I-71, FROM I- 64 TO I-265 (SNYDER FREEWAY) (ADD LANE EACH DIRECTION). (NH SHARE)	U	NH	2,000,000	1,600,000	2007	**
JEFFERSON	5-52	l 64		I-64/HURSTBOURNE ICHG; RECONSTRUCT RAMP FROM WB I-64 TO SB HURSTBOURNE LANE (PROVIDE LOOP RAMP PER HURSTBOURNE RECOMMENDATION II- B)	R	IM	10,000,000	10,000,000	2006	**

FY 2005 - 2007 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) SCHEDULED PROJECT PHASES SUBJECT TO FISCAL CONSTRAINT TO ACCOMMODATE GARVEE BOND PROGRAM PROJECTS STIP AMENDMENTS

COUNTY	ID NUMBER	ROUTENO	TYPEWORK	DESCRIPTION	PHASE	TYPE OF FUND	TOTAL PHASE COST	FEDERAL PORTION	FISCAL YEAR SCHEDULE	SUBJECT TO STIP FISCAL CONSTRAINT
JEFFERSON	5-2045	l 264	PAVEMENT REHAB-INT(P)	REPAIR AND GRIND PAVEMENT ON I- 264 FROM MP 13.71 TO MP 18.41.	С	IM	2,350,000	2,115,000	2007	**
JEFFERSON	5-2046	I 264	PAVEMENT REHAB-INT(P)	REPAIR AND GRIND PAVEMENT ON I- 264 FROM MP 8.04 TO MP 12.70.	С	IM	2,330,000	2,097,000	2007	**
KENTON	6-2022	l 75	PAVEMENT REHAB-INT(P)	REPAIR AND GRIND PAVEMENT ON I- 75 FROM MP 188.334 TO MP 190.754.	С	· IM	1,000,000	900,000	2007	**
KENTON	6-2023	l 75	PAVEMENT REHAB-INT(P)	REPAIR AND GRIND PAVEMENT ON I- 75 FROM MP 186.95 TO MP 188.334.	С	IM	575,000	517,500	2007	**
LAUREL	11-2014.01	I 75	PREFINANCD CONVRSN(P)	STRUCTURAL OVERLAY ON I-75 FROM MP 41.4 TO MP 48.95. (ADDITIONAL FUNDING FOR C PHASE)	С	IM	7,300,000	7,300,000	2005	**
MAGOFFIN	10-124.3	KY 9009	MAJOR WIDENING(O)	SALYERSVILLE-PRESTONSBURG; WIDEN THE MOUNTAIN PARKWAY EXTENSION FROM JUST EAST OF KY-7 NEAR SALYERSVILLE TO US-460, 0.5MI EAST OF KY-1888. (SEE 12-1.01 FOR PE & ENV)	U	NH	1,000,000	1,000,000	2005	**
SHELBY	5-351.01	I 64	WEIGH STA REHAB(P)	I-64 EASTBOUND PORT OF ENTRY FOR A COMMERCIAL VEHICLE MONITORING STATION.	U	IM	500,000	450,000	2007	**
WARREN	3-53		NEW ROUTE(O)	EXTENSION OF WILLIAM H. NATCHER PARKWAY TO US-231 AT DYE FORD RD.	С	NH	14,500,000	15,500,000	2006	** \$15,500,000
ZVARIOUS	99-66		ITS(P)	'ITS' ACTIVITIES ON VARIOUS NHS ROUTES IN KENTUCKY.	С	NH	3,000,000	3,000,000	2005	**